

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. Canceled.

2. Canceled.

3. Canceled.

4. (currently amended) ~~The method of claim 1, further comprising the steps of: A~~
method to activate a code update for a data storage drive, comprising the steps of:

receiving a code update at said data storage drive while said data storage drive reads
and/or writes data to and/or from data storage media;

receiving a host computer command;

determining if said host computer command ~~is suitable for said host computer~~
transparent event comprises an associated host time-out interval greater than the time required
to activate the code update and perform the requested command;

operative if said host computer command ~~is suitable for said host computer transparent~~
event comprises an associated host time-out interval greater than the time required to activate
the code update and perform the requested command, activating said code update; and

performing said host computer command.

5. (currently amended) ~~The method of claim 1, A method to activate a code update for~~
a data storage drive, comprising the steps of:

receiving a code update at said data storage drive while said data storage drive reads

and/or writes data to and/or from data storage media, wherein said data storage drive comprises an identity, and wherein said data storage drive is disposed in a storage subsystem;

transferring said identify to a second component disposed in said storage subsystem;

activating said code update;

returning said identity to said data storage drive from said second component.

6. (original) The method of claim 5, wherein said second component is selected from the group consisting of a second data storage drive, a subsystem controller, a host component, an interconnect component, and combinations thereof.

7. (currently amended) The method of claim 4 5, wherein said data storage drive comprises a memory device, further comprising the step of writing said code update to said memory device ~~while said data storage drive remains in normal operation.~~

8. (currently amended) The method of claim 4 5, wherein said data storage drive comprises a memory device, further comprising the steps of:

generating drive status information;

writing said drive status information to said memory device ~~while said data storage drive remains in normal operation.~~

9. Canceled.

10. Canceled.

11. Canceled.

12. (currently amended) The article of manufacture of claim 9, said computer readable program code further comprising a series of computer readable program steps to effect:

receiving a host computer command;

determining if said host computer command ~~is suitable for said host computer~~
~~transparent event~~ comprises an associated host time-out interval greater than the time required
to activate the code update and perform the requested command;

operative if said host computer command ~~is suitable for said host computer transparent~~
~~event~~ comprises an associated host time-out interval greater than the time required to activate
the code update and perform the requested command, activating said code update; and
performing said host computer command.

13. (currently amended) ~~The article of manufacture of claim 9~~ An article of
manufacture comprising a computer useable medium having computer readable program code
disposed therein to activate a code update for a data storage drive, wherein said data storage
drive comprises an identity, and wherein said data storage drive is disposed in a storage
subsystem, the computer readable program code comprising a series of computer readable
program steps to effect:

receiving a code update while said data storage drive reads and/or writes data to and/or
from data storage media;

transferring said identify to a second component disposed in said storage subsystem,
activating said code update;

returning said identity to said data storage drive from said second component.

14. (original) The article of manufacture of claim 13, wherein said second component
is selected from the group consisting of a second data storage drive, a subsystem controller, a
host component, and interconnect component, and combinations thereof.

15. (currently amended) The article of manufacture of claim 9 13, wherein said data

storage drive comprises a memory device, the computer readable program code comprising a series of computer readable program steps to effect writing said code update to said memory device while said data storage drive remains in normal operation.

16. (currently amended) The article of manufacture of claim 9 15, ~~wherein said data storage drive comprises a memory device~~, the computer readable program code comprising a series of computer readable program steps to effect:

generating drive status information;

writing said drive status information to said memory device ~~while said data storage drive remains in normal operation~~.

17. Canceled.

18. Canceled.

19. Canceled.

20. (currently amended) ~~The computer program product of claim 17, further comprising:~~ A computer program product usable with a programmable computer processor having computer readable program code embodied therein to activate a code update for a data storage drive, comprising:

computer readable program code which causes said programmable computer processor to receive a code update while said data storage drive reads and/or writes data to and/or from data storage media;

computer readable program code which causes said programmable computer processor to receive a host computer command;

computer readable program code which causes said programmable computer processor

to determine if said host computer command ~~is suitable for said host computer transparent event~~ comprises an associated host time-out interval greater than the time required to activate the code update and perform the requested command;

computer readable program code which, if said computer command is suitable for said host computer transparent event, causes said programmable computer processor to activate said code update; and

computer readable program code which causes said programmable computer processor to perform said host computer command.

21. (currently amended) ~~The computer program product of claim 17~~ A computer program product usable with a programmable computer processor having computer readable program code embodied therein to activate a code update for a data storage drive, comprising:

computer readable program code which causes said programmable computer processor to receive a code update while said data storage drive reads and/or writes data to and/or from data storage media, wherein said data storage drive comprises an identity, and wherein said data storage drive is disposed in a storage subsystem; ~~further comprising:~~

computer readable program code which causes said programmable computer processor to transfer said identify to a second component disposed in said storage subsystem,

computer readable program code which causes said programmable computer processor to activate said code update;

computer readable program code which causes said programmable computer processor to receive said identity from said second component.

22. (original) The computer program product of claim 21, wherein said second

component is selected from the group consisting of a second data storage drive, a subsystem controller, a host component, and interconnect component, and combinations thereof.

23. (currently amended) The computer program product of claim ~~17~~ 21, wherein said data storage drive comprises a memory device, further comprising computer readable program code which causes said programmable computer processor to write said code update to said memory device while said data storage drive remains in normal operation.

24. (currently amended) The computer program product of claim ~~17~~ 21, wherein said data storage drive comprises a memory device, further comprising:

computer readable program code which causes said programmable computer processor to generate drive status information;

computer readable program code which causes said programmable computer processor to write said drive status to said memory device while said data storage drive remains in normal operation.